



Installations- und Konfigurationsanleitung — eCharge Hardy Barth cPμ2 Pro

Version:2023.3.1

Table of Contents

1. Introduction	2
1.1. Legal provisions	2
1.2. Qualification of the installing electrician	2
1.3. Symbols used	2
1.4. Darstellungskonventionen	2
2. Produktbeschreibung	2
2.1. Scope of delivery	2
2.2. Prerequisites	3
3. Commissioning	4
3.1. Connecting the meter	6
3.2. Configuration	8
3.3. Configuration of the meter	13
3.4. Saving the changes	16
3.5. Updating the charging station firmware	17
4. Install Symphon-E App eCharge Hardy Barth cPμ2 Pro Ladestation	20
4.1. Direct Installation	20
4.1.1. Redeem already registered license key	23
4.1.2. Redeeming a new license key	24
4.2. Edit EMS app	26
5. Contact	27
6. Verzeichnisse	28
6.1. Abbildungsverzeichnis	28

1. Introduction

1. Introduction

1.1. Legal provisions

The information contained in these documents is the property of Heckert Solar GmbH. Publication, in whole or in part, requires the written consent of Heckert Solar GmbH.

Subject to changes and printing errors!

1.2. Qualification of the installing electrician

A qualified electrician is a person who has the necessary experience and training:

- Setting up, switching on, switching off, disconnecting, short-circuiting and repairing circuits and devices
- Standard maintenance and use of protective devices in accordance with current safety standards
- First aid/emergency care
- Current knowledge of local regulations, standards and guidelines

1.3. Symbols used

Before reading the manual, you should familiarize yourself with the different types of safety warnings. You should also familiarize yourself with the importance of the safety warnings.

1.4. Darstellungskonventionen





	This symbol indicates an imminent danger. If this danger is not avoided, it can lead to death or serious injury.
	This symbol indicates a potentially dangerous situation. If this dangerous situation is not avoided, it may result in minor or moderate injury.
	This symbol indicates a warning. Failure to observe this warning may result in damage and/or destruction of the system.
	This symbol indicates a note. It is recommended that the note be observed.

Table 1. Darstellungskonventionen

2. Produktbeschreibung

2.1. Scope of delivery

Prüfen Sie, nachdem Sie die Lieferung erhalten haben, ob alle Bestandteile mitgeliefert wurden. Prüfen Sie den Lieferumfang auf Beschädigungen. Sollte etwas fehlen oder beschädigt sein, wenden Sie sich bitte sofort an den Lieferanten. Folgende Komponenten sind in der Lieferung enthalten:

- eCharge Hardy Barth cPμ2 Pro Ladestation

- eCharge MID-Zähler
- 11 kW, integriertes 4-Meter-Spiralkabel mit Typ-2-Stecker (IEC 62196-2)
- Installations- und Konfigurationsanleitung — Typ-2-Ladestation "eCharge Hardy Barth cPμ2 Pro"
- Handbuch — "Ladestation cPμ2 Pro"



Das RS485-Zweidrahtkabel, welches für den Anschluss der Modbus-/RTU-Kommunikationsverbindung zum Zähler notwendig ist, ist nicht im Lieferumfang enthalten!

2.2. Prerequisites

Für den Einsatz der Ladestation ist erforderlich:

- Symphon-E App eCharge Hardy Barth cPμ2 Pro Ladestation



Die »Symphon-E App eCharge Hardy Barth cPμ2 Pro Ladestation« ist nicht im Lieferumfang enthalten. Diese muss — falls noch nicht vorhanden — zusätzlich erworben werden.

3. Commissioning



To install the Hardy-Barth charging station, please follow the instructions in the "Installation and operating instructions cPμ2 charging station".
[Operating instructions cPμ2 German \(v1.0\)](#)



The "Configuration Manual" for the Salia board should also be read and internalized:
[Configuration manual — Salia board](#)



This quick guide refers to the original user manuals.
It serves as an installation aid for qualified electricians in the area of communication interfaces, but is not a substitute for studying the user manuals.



The plug connection for the LED display can be disconnected if required. This makes it easier to work on the charging station during commissioning.



We recommend checking the plug connection to the left of the Ethernet port on the Salia board, as in our experience this is often loose.

Once the charging station has been installed and configured, it must be connected to the customer network via the network interface (LAN) on the Salia board.

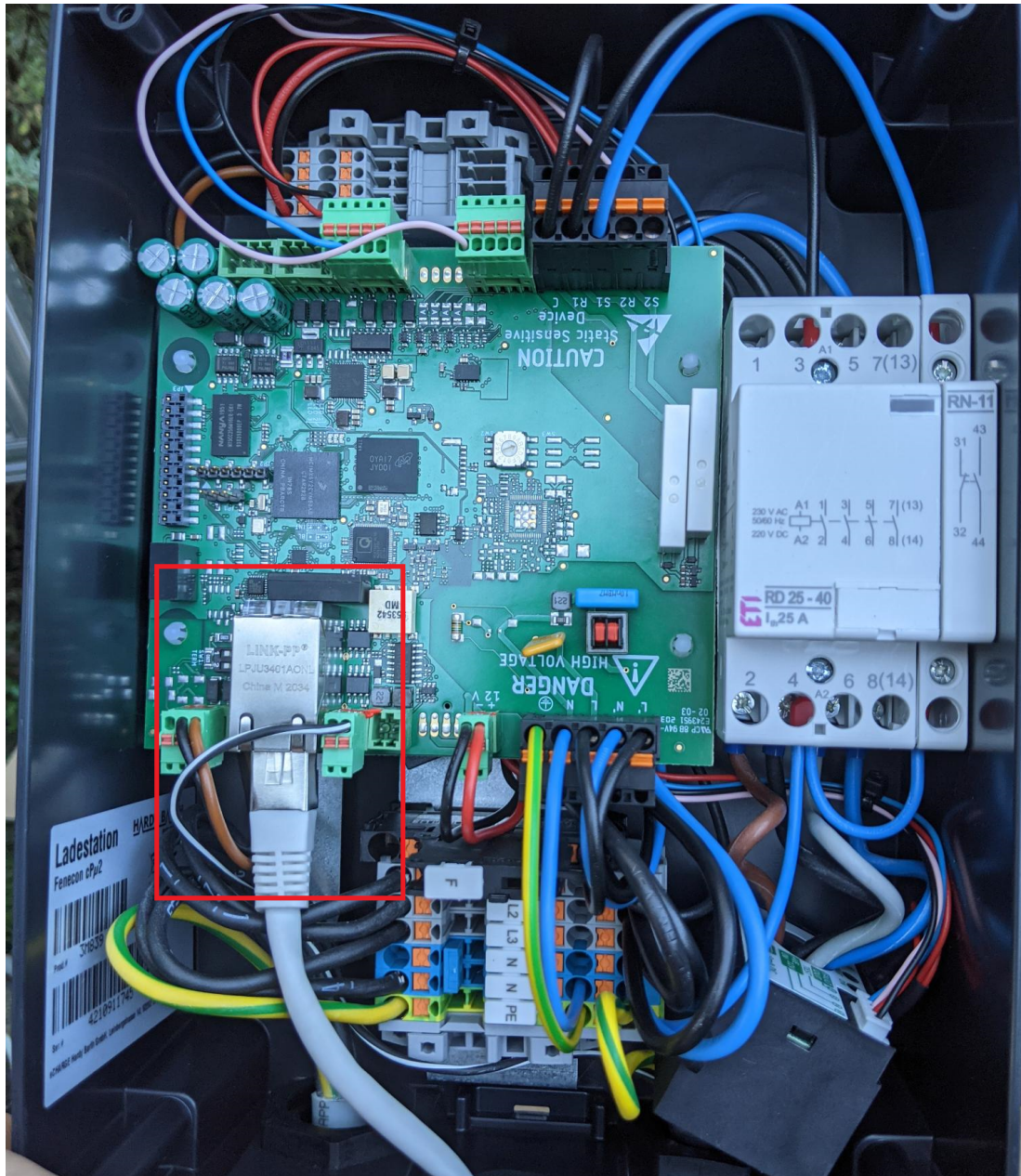


Figure 1. Network interface (LAN) - Salia board

3.1. Connecting the meter

3.1. Connecting the meter

Connect the meter as shown below:



Figure 2. Connected meter

Use the enclosed instructions for this:

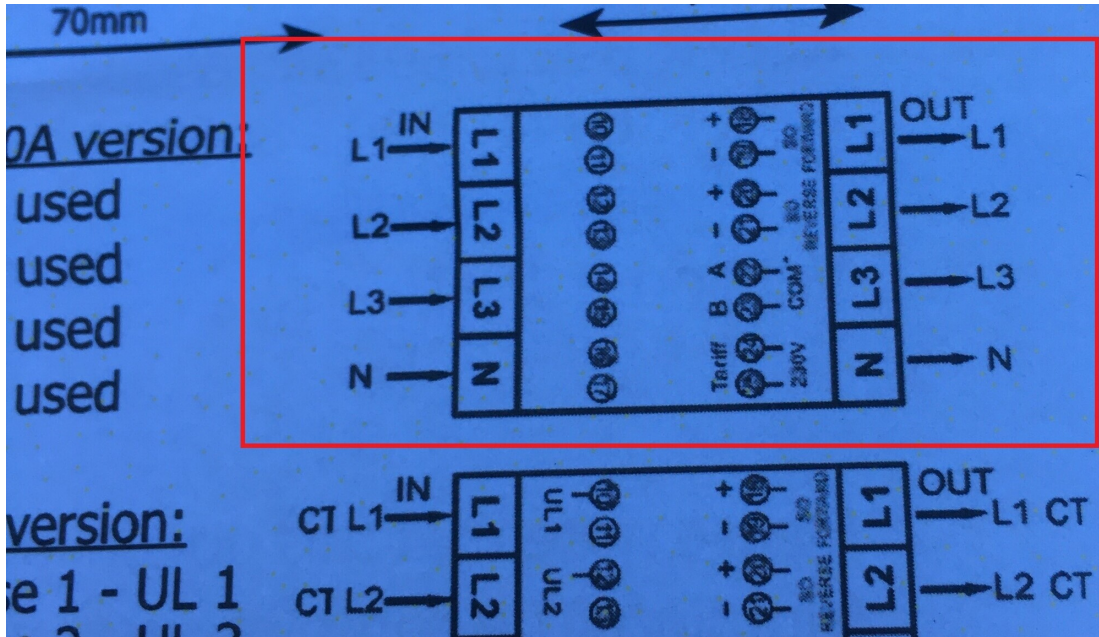


Figure 3. Meter connection



Make sure that the meter is installed the right way round: *OUT* must point towards the charging station, *IN* towards the sub-distribution board.

Establish the communication connection to the meter as follows:

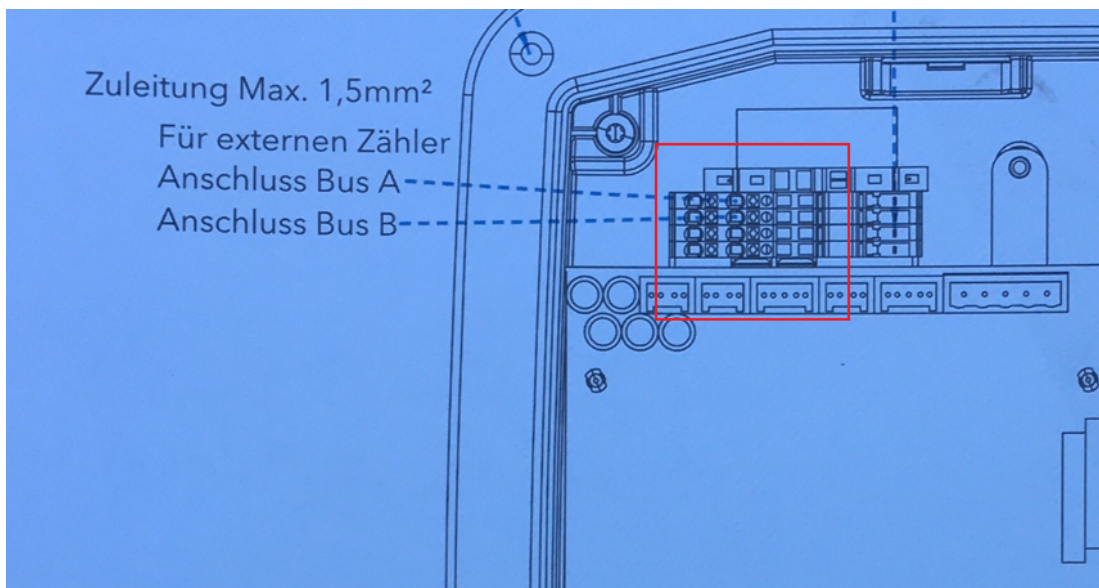


Figure 4. Establishing the communication connection

The negative contact of the cable must be connected to contact A on the meter and to contact 22 (top) on the Salia board. The positive contact of the cable must be connected to contact B on the meter and to contact 23 (bottom) on the Salia board.

3.2. Configuration

3.2. Configuration

By default, the charging station can be reached under the IP address **192.168.25.30** (or **169.254.12.30**).

To reach the charging station from your notebook/PC, it is necessary to set up a static IP address in the same subnet (e. g. **192.168.25.1**) in the network adapter settings.

1. To do this, connect the Salia board to your device (here: notebook) via the RJ45 socket, as shown below:

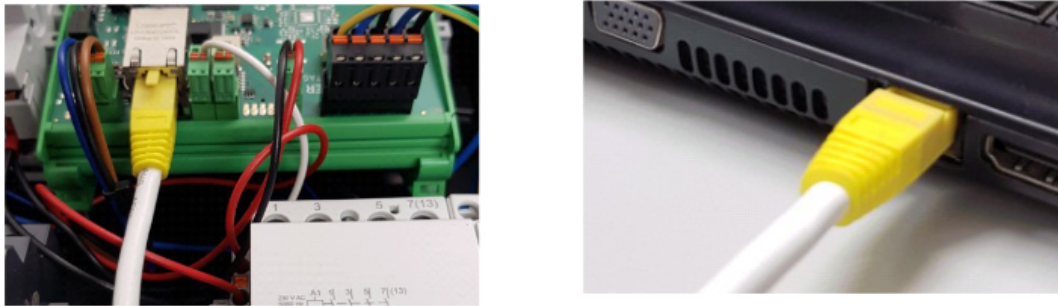
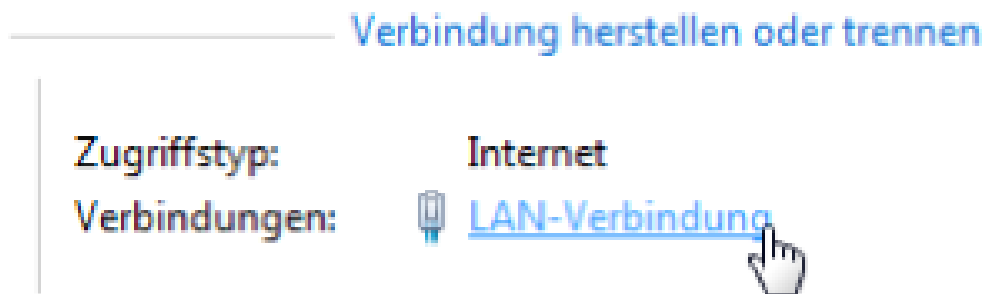


Figure 5. Connecting the Salia board to the notebook

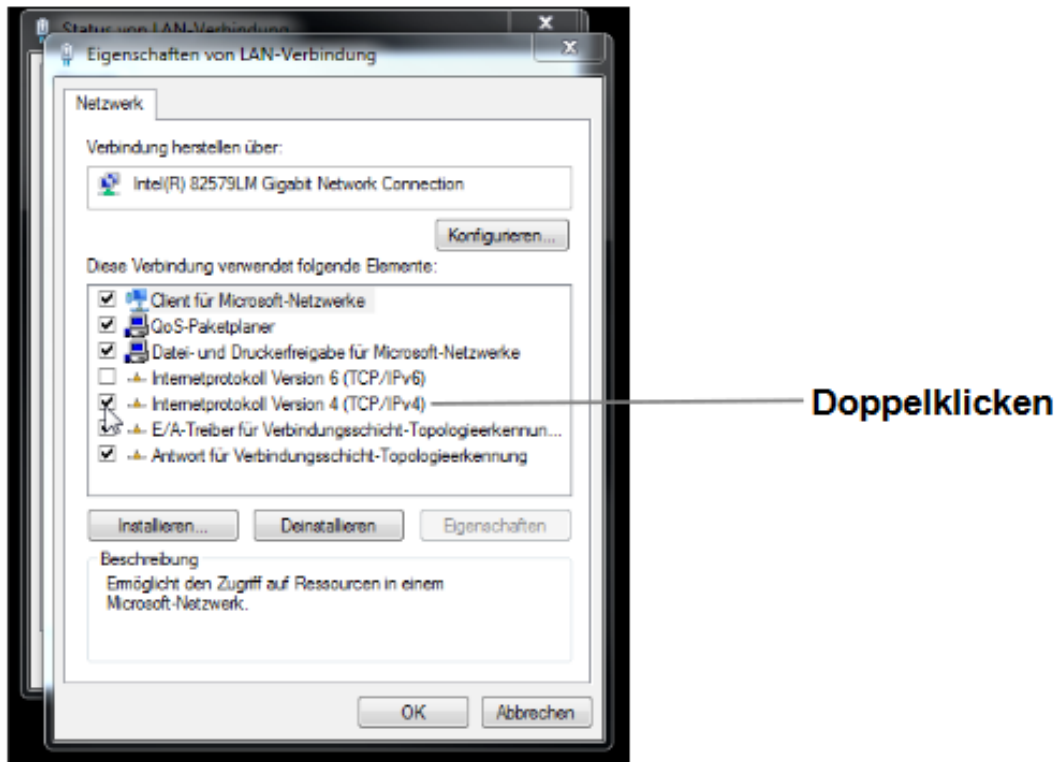
2. Open your web browser to access the web interface. To do this, enter the following IP address: **192.168.25.30**

If problems occur in step 2, proceed as follows:

1. Open the "Network and Sharing Center" under the system settings of your PC.
2. Click on LAN connection.



3. In the newly opened window, click on Properties
4. In the new window, double-click to open the "Internet Protocol Version 4 (TCP/IPv4)" item (see graphic).
Alternatively, select "Internet Protocol Version 4 (TCP/IPv4)" in the open window and then click on "Properties"



5. In the next window, select "Use the following IP address" to enter the IP address `192.168.25.1` and the subnet mask `255.255.255.0` as shown in the picture below. The entries for the DNS server can be left blank.

Eigenschaften von Internetprotokoll, Version 4 (TCP/IPv4) ✕

Allgemein

IP-Einstellungen können automatisch zugewiesen werden, wenn das Netzwerk diese Funktion unterstützt. Wenden Sie sich andernfalls an den Netzwerkadministrator, um die geeigneten IP-Einstellungen zu beziehen.

IP-Adresse automatisch beziehen

Folgende IP-Adresse verwenden:

IP-Adresse:	192 . 168 . 25 . 1
Subnetzmaske:	255 . 255 . 255 . 0
Standardgateway:	. . .

DNS-Serveradresse automatisch beziehen

Folgende DNS-Serveradressen verwenden:

Bevorzugter DNS-Server:	. . .
Alternativer DNS-Server:	. . .

Einstellungen beim Beenden überprüfen

[Erweitert...](#)

- Confirm the entries. Then switch off the power to the wallbox once, wait a few seconds and allow the wallbox to reboot.

The charging station can then be configured via the web interface. To do this, enter the IP address of the charging station (192.168.25.30) in the address bar of the browser. The web interface then appears as shown below:

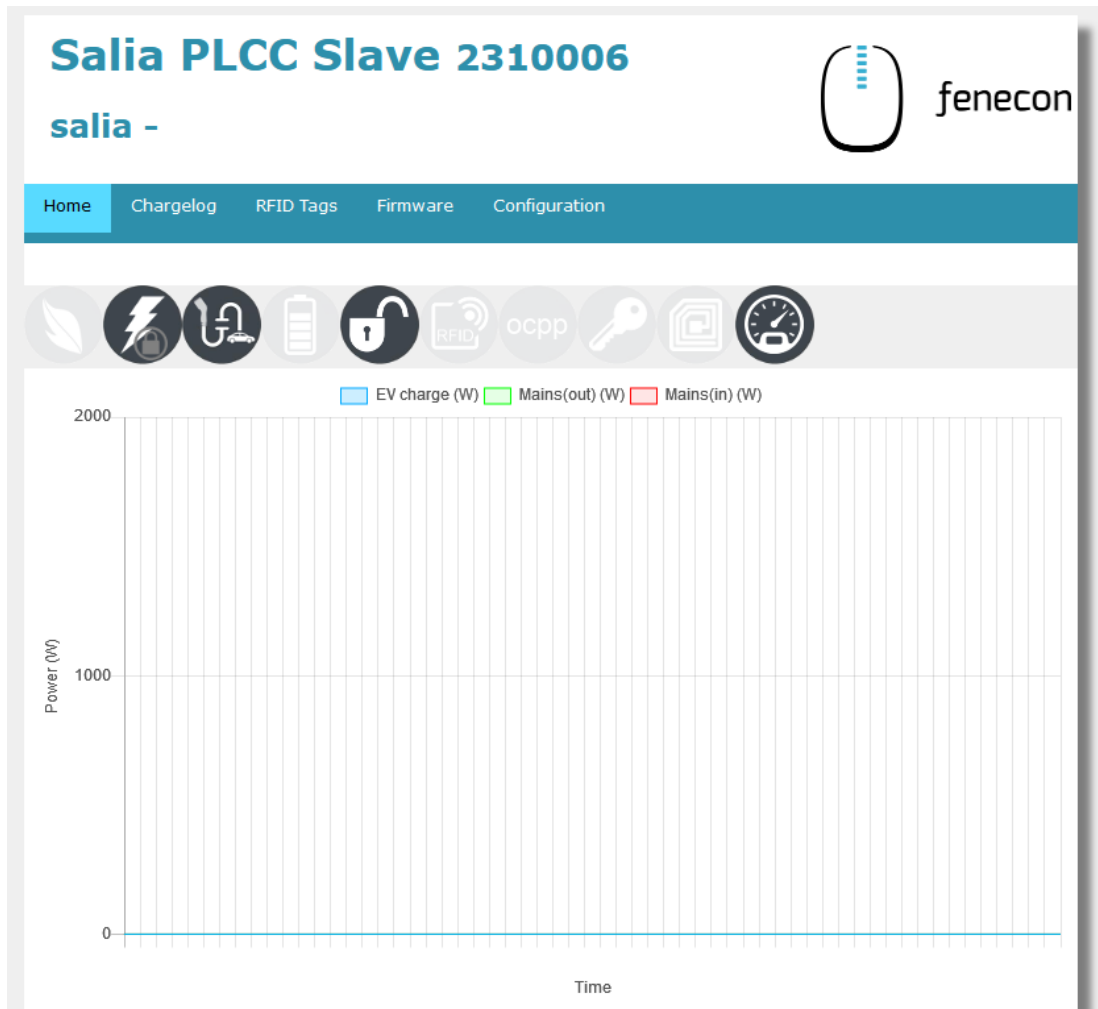



Figure 6. Web interface

3.2. Configuration

The network settings can be checked here:



Salia PLCC Slave 2310006

salia -



Home
Chargelog
RFID Tags
Firmware
Configuration

System configuration

Global options		Mains options	
Wallbox type	<input checked="" type="radio"/> Cable  <input type="radio"/> Socket 	Mains type	<div style="border: 1px solid #ccc; padding: 2px;">---</div>
Timezone	<div style="border: 1px solid #ccc; padding: 2px;">Europe/Berlin</div>	IP address	<div style="border: 1px solid #ccc; padding: 2px;">e.g. 192.168.99.99</div>
Location/Name	<div style="border: 1px solid #ccc; padding: 2px;">Wallbox location</div>	Serial	<div style="border: 1px solid #ccc; padding: 2px;">e.g. 12345678</div>
Auth. Mode	<div style="border: 1px solid #ccc; padding: 2px;">Free charging</div>	Mains fuse	<div style="border: 1px solid #ccc; padding: 2px;">50</div> A
Min./Max. current	<div style="border: 1px solid #ccc; padding: 2px;">6</div> - <div style="border: 1px solid #ccc; padding: 2px;">16</div> A	Overcurrent	<input type="checkbox"/> Stop charging
External control	<input checked="" type="checkbox"/> Enable Heartbeat	Peak shave (optional)	<div style="border: 1px solid #ccc; padding: 2px;">0</div> W
aWATTar	<input type="checkbox"/> Enable API	ECO reference	<div style="border: 1px solid #ccc; padding: 2px;">0</div> W

OCPP options		Network options	
OCPP	<input type="checkbox"/> Enable	DHCP	<input type="checkbox"/> Enable
URI/CPID	<div style="border: 1px solid #ccc; padding: 2px;">ws://</div>	IP address	<div style="border: 1px solid #ccc; padding: 2px;">192.168.25.30</div>
Verify CERT	<input type="checkbox"/> Enable	Subnetmask	<div style="border: 1px solid #ccc; padding: 2px;">255.255.255.0</div>
APN Name	<div style="border: 1px solid #ccc; padding: 2px;">e.g. egv2.a1.net</div>	Gateway	<div style="border: 1px solid #ccc; padding: 2px;">192.168.25.10</div>
APN User	<div style="border: 1px solid #ccc; padding: 2px;">ppp@A1plus.at</div>	DNS	<div style="border: 1px solid #ccc; padding: 2px;">192.168.25.10</div>
APN Pass	<div style="border: 1px solid #ccc; padding: 2px;">PPP</div>	NTP	<div style="border: 1px solid #ccc; padding: 2px;">time1.google.com</div>

Save and reboot

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<http://www.echarge.de/>

Figure 7. Network settings

3.3. Configuration of the meter

It must be ensured that the meter is activated:

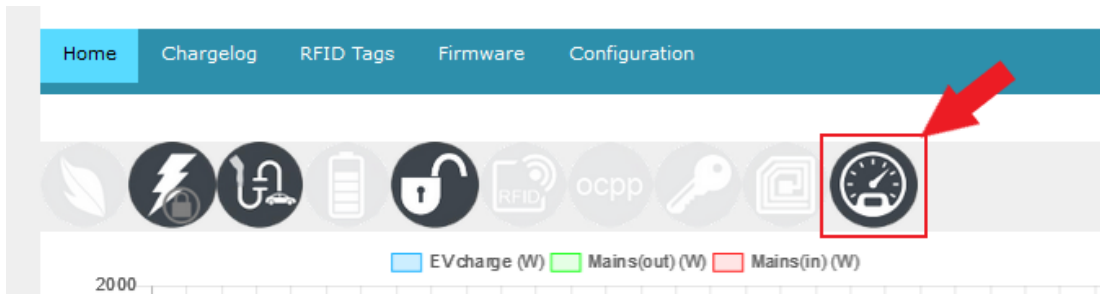


Figure 8. Meter

If this is not the case (grayed out symbol), it must be activated manually. To do this, double-click in the free area next to *System configuration*:

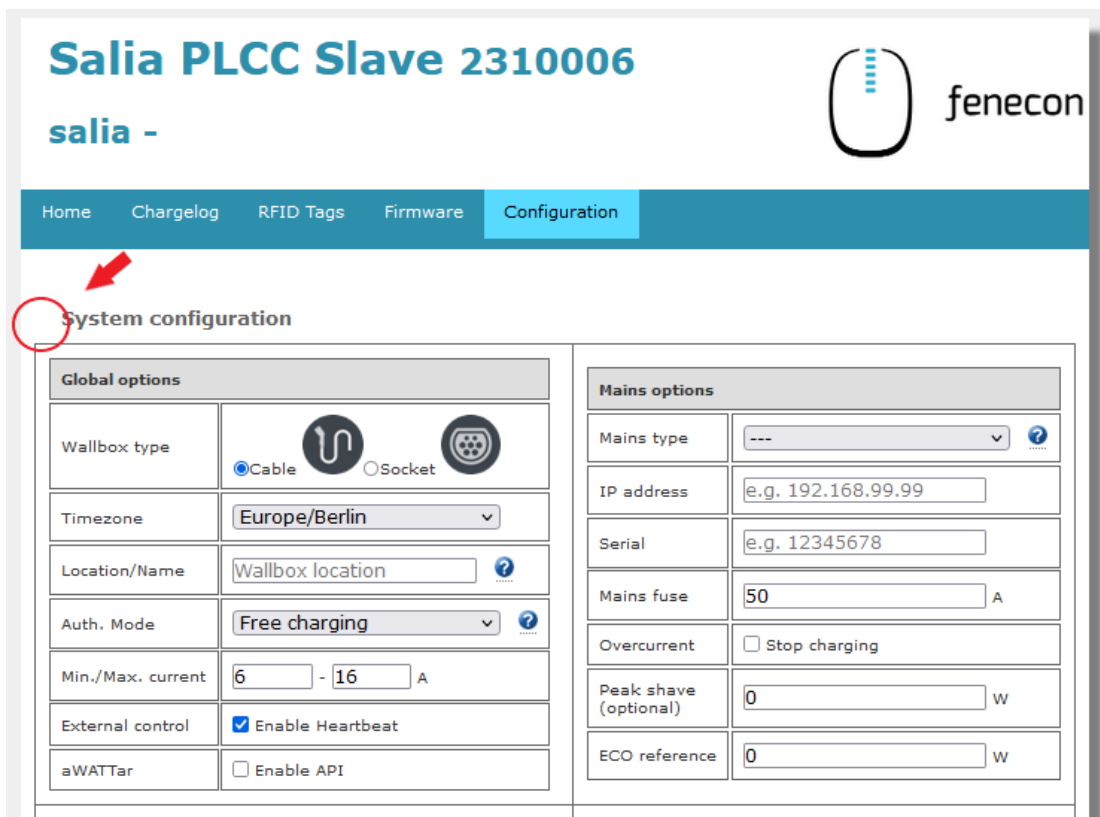



Figure 9. Hidden menu

3.3. Configuration of the meter

An extended view with further configuration options then opens. The meter can be activated under *Advanced Options*:

Wallbox type	<input checked="" type="radio"/> Cable <input type="radio"/> Socket	mains type	
Timezone	Europe/Berlin	IP address	e.g. 192.168.99.99
Location/Name	Wallbox location	Serial	e.g. 12345678
Auth. Mode	Free charging	Mains fuse	50 A
Min./Max. current	6 - 16 A	Overcurrent	<input type="checkbox"/> Stop charging
External control	<input checked="" type="checkbox"/> Enable Heartbeat	Peak shave (optional)	0 W
aWATTar	<input type="checkbox"/> Enable API	ECO reference	0 W

OCPP options		Network options	
OCPP	<input type="checkbox"/> Enable	DHCP	<input type="checkbox"/> Enable
URI/CPID	ws://	IP address	192.168.25.30
Verify CERT	<input type="checkbox"/> Enable	Subnetmask	255.255.255.0
APN Name	e.g. egv2.a1.net	Gateway	192.168.25.10
APN User	ppp@A1plus.at	DNS	192.168.25.10
APN Pass	PPP	NTP	time1.google.com

Advanced Options		Internal Load-Management	
RFID-Reader	<input type="checkbox"/> Enable Slave-IP 1 mqt://192.168.8.102 Slave-IP 2 mqt://192.168.8.103 Slave-IP 3 mqt://192.168.8.104	Load Management	<input type="checkbox"/> global <input type="checkbox"/> internal
Meter	<input checked="" type="checkbox"/> Enable 	Role	Master
RCD	<input checked="" type="checkbox"/> Enable active_low	Slaves	Slave-IP 1 192.168.8.102 Slave-IP 2 e.g. 192.168. Slave-IP 3 e.g. 192.168.
Alarm	<input type="checkbox"/> Enable active_high	Max-Amp	63 A
Plug-Lock	EV-T2M3S-E-LOCK12V		
Schuko	<input type="checkbox"/> Enable 13		

Save and reboot

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Figure 10. Meter activation



If no meter values are displayed in the EMS Online Monitoring, please check whether the correct meter has been selected.

Double-click on the cogwheel next to *Advanced Options* to do so:

Advanced Options	
RFID-Reader	<input checked="" type="checkbox"/> Enable Slave-IP 1 <input type="text" value="mqtt://192.168.178.162"/> Slave-IP 2 <input type="text" value="mqtt://192.168.8.103"/> Slave-IP 3 <input type="text" value="mqtt://192.168.8.104"/>
Meter	<input checked="" type="checkbox"/> Enable
RCD	<input checked="" type="checkbox"/> Enable <input type="text" value="active_low"/> ▼
Alarm	<input type="checkbox"/> Enable <input type="text" value="active_high"/> ▼
Plug-Lock	<input type="text" value="EV-T2M3S-E-LOCK12V"/> ▼
Schuko	<input type="checkbox"/> Enable <input type="text" value="13"/>

Figure 11. Advanced options

An extended view then opens with further configuration options for meters and RFID cards.

Please check that the correct meter has been selected under *Advanced Meter Options* under *Protocol*.

3.4. Saving the changes

Advanced Options	
RFID-Reader	<input checked="" type="checkbox"/> Enable Slave-IP 1 <input type="text" value="mqtt://192.168.178.162"/> Slave-IP 2 <input type="text" value="mqtt://192.168.8.103"/> Slave-IP 3 <input type="text" value="mqtt://192.168.8.104"/>
Meter	<input checked="" type="checkbox"/> Enable
RCD	<input checked="" type="checkbox"/> Enable <input type="text" value="active_low"/> ▼
Alarm	<input type="checkbox"/> Enable <input type="text" value="active_high"/> ▼
Plug-Lock	<input type="text" value="EV-T2M3S-E-LOCK12V"/> ▼
Schuko	<input type="checkbox"/> Enable <input type="text" value="13"/>

Advanced Meter Options	
Port	<input type="text" value="/dev/ttymx0"/> ▼
Protocol	<input type="text" value="Eastron"/> ▼
Parity	<input type="text" value="none"/> ▼
Baudrate	<input type="text" value="9600"/>
Address	<input type="text" value="1"/>

LED Options	
Buzzlight	<input checked="" type="checkbox"/> Enable
Boardtype	<input type="text" value="home"/> ▼
Socket #	<input type="text" value="1 (Master)"/> ▼
Port	<input type="text" value="/dev/ttymx4"/> ▼
Protocol	<input type="text" value="modbuzz1.0"/> ▼
Total sockets	<input type="text" value="2"/>

Internal Load-Management	
Load Management	<input checked="" type="checkbox"/> global <input checked="" type="checkbox"/> internal
Role	<input type="text" value="Master"/> ▼
Slaves	Slave-IP 1 <input type="text" value="192.168.178.1"/> Slave-IP 2 <input type="text" value="e. g. 192.168.8"/> Slave-IP 3 <input type="text" value="e. g. 192.168.8"/>
Max-Amp	<input type="text" value="32"/> A

Phase switching	
3to1 phase	<input type="checkbox"/> Enable <small>WARNING ?</small>
switch delay	<input type="text" value="20 sec"/> ▼
wake up method	<input type="text" value="State E"/> ▼

Advanced RFID Options	
Port	<input type="text" value="/dev/ttymx4"/> ▼
Protocol	<input type="text" value="stronglink-modbus"/> ▼
Parity	<input type="text" value="none"/> ▼
Baudrate	<input type="text" value="9600"/>
Address	<input type="text" value="17"/>

Figure 12. Meter installed (here: Eastron)

In this example, an "Eastron" meter is selected.

3.4. Saving the changes

To apply your changes, click on *Save and reboot*

Verify CERT	<input type="checkbox"/> Enable	Subnetmask	<input type="text" value="255.255.255.0"/>
APN Name	<input type="text" value="e.g. egv2.a1.net"/>	Gateway	<input type="text" value="192.168.178.1"/>
APN User	<input type="text" value="ppp@A1plus.at"/>	DNS	<input type="text" value="192.168.178.1"/>
APN Pass	<input type="text" value="PPP"/>	NTP	<input type="text" value="time1.google.com"/>
<input type="button" value="Save and reboot"/>			

Figure 13. Save and reboot

We recommend that you always use the latest firmware to ensure that all the latest functions of the charging station can be used.

3.5. Updating the charging station firmware

We recommend always using the latest firmware to ensure that all the latest functions of the charging station can be used.

This can be obtained from the manufacturer's website of eCharge Hardy Barth or directly via the link below:
[Salia eCharge Firmware](#)

The firmware can then be updated via the web interface of the charging station (see [Web interface — Charging station](#)).

The screenshot shows the web interface for a Salia PLCC 2310006 charging station. The page title is "Salia PLCC 2310006" and "salia -". The Fenecon logo is visible in the top right. A navigation bar includes "Home", "Chargelog", "RFID Tags", "Firmware" (highlighted), and "Configuration". The main content area is titled "Firmware-Update" and contains a file upload section with a "Durchsuchen..." button and the text "Keine Datei ausgewählt.". Below this are buttons for "Upload Firmware" and "Check for updates". A note at the bottom of the main area says "For the newest Firmware-Image please visit the website: [fenecon.de](http://www.fenecon.de)" and "Please be patient while uploading a Firmware-Image. This will take a while ...". The footer contains "Copyright © 2018 eCHARGE GmbH" and the URL "http://www.echarge.de/".

Figure 14. Web interface — Charging station

3.5. Updating the charging station firmware

Then proceed as follows:

1. Open the *Firmware* tab
2. Select previously downloaded firmware file with *Browse....*
3. Click on *Upload Firmware*



The *Check for updates* function is only available from version 1.50.0 and up.

The software update has now been completed.



Denken Sie daran, die statische Vorgabe nach Abschluss der Konfiguration wieder zu entfernen. Anderenfalls ist das EMS-Online-Monitoring nicht erreichbar und es können Verbindungsprobleme zum Internet auftreten.

Setzen Sie hierzu die Einstellung zurück auf "IP-Adresse automatisch beziehen", wie unten abgebildet:

Eigenschaften von Internetprotokoll, Version 4 (TCP/IPv4) ✕

Allgemein **Alternative Konfiguration**

IP-Einstellungen können automatisch zugewiesen werden, wenn das Netzwerk diese Funktion unterstützt. Wenden Sie sich andernfalls an den Netzwerkadministrator, um die geeigneten IP-Einstellungen zu beziehen.

IP-Adresse automatisch beziehen

Folgende IP-Adresse verwenden:

IP-Adresse:

Subnetzmaske:

Standardgateway:

DNS-Serveradresse automatisch beziehen

Folgende DNS-Serveradressen verwenden:

Bevorzugter DNS-Server:

Alternativer DNS-Server:

Einstellungen beim Beenden überprüfen

[Erweitert...](#)



Um sicherzustellen, dass alle aktuellen Funktionen auf Ihrem EMS unterstützt werden, muss ein Update durchgeführt werden. Kontaktieren Sie hierzu unseren Service über die untenstehenden Kontaktdaten.

Die Konfiguration ist hiermit abgeschlossen.

4. Install Symphon-E App eCharge Hardy Barth cPμ2 Pro Ladestation

In the Symphon-E App Center you will find all installable Symphon-E Apps — such as the Symphon-E App eCharge Hardy Barth cPμ2 Pro Ladestation.



In the user manual [Symphon-E App Center](#) you will find detailed instructions on how to use the Symphon-E App Center. It also describes how to register and redeem a license key.

There are two ways to install an app via the Symphon-E App Center. Only the [\[Direct installation\]](#) is described below, whereby a license key is registered and redeemed in the EMS.

4.1. Direct Installation

To install the Symphon-E App eCharge Hardy Barth cPμ2 Pro Ladestation directly, go to the overview of the Symphon-E App Center.



Only apps from the "Available" category can be installed.

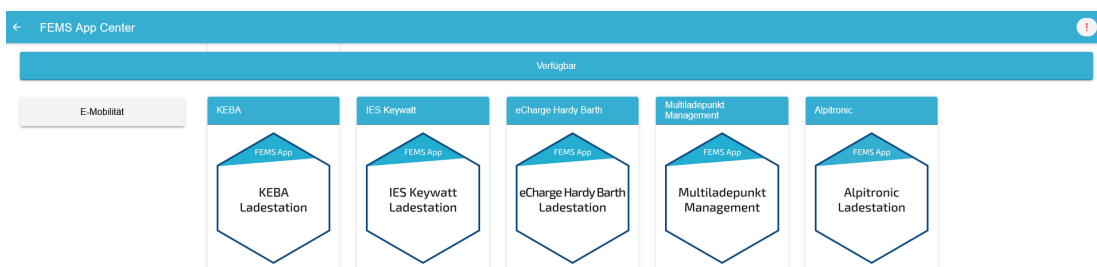


Figure 15. App installation — Variant 2: Step 1

Select the Symphon-E App eCharge Hardy Barth cPμ2 Pro Ladestation by clicking on it.

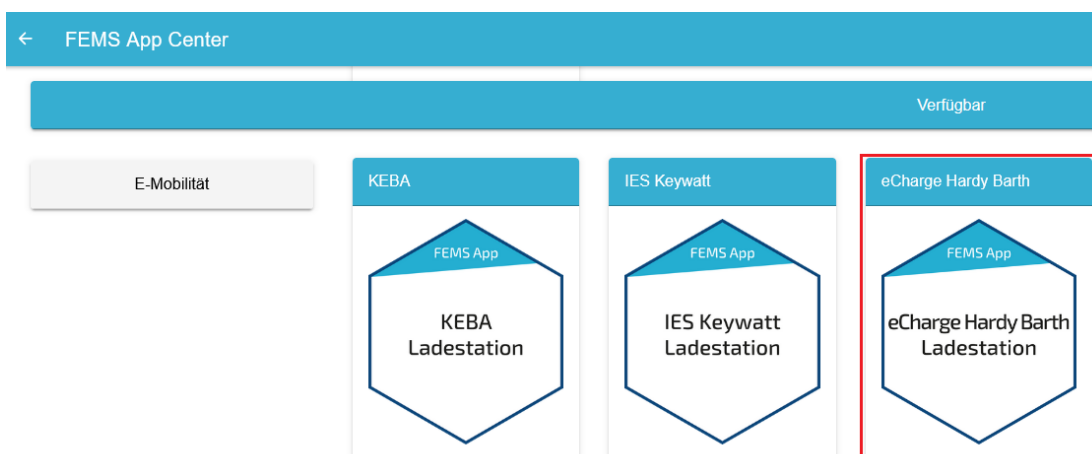


Figure 16. App installation — Variant 2: Step 2

You will then be taken to the app overview.

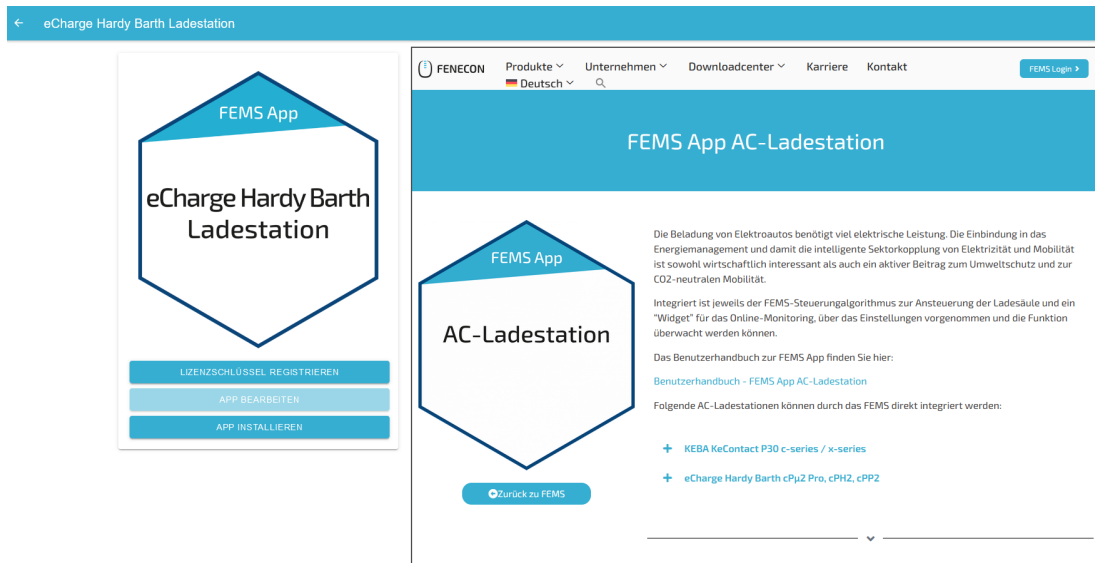


Figure 17. App installation — Variant 2: Step 3

Click on the "Install app" button.



Figure 18. App installation — Variant 2: Step 4

An input mask for redeeming a license key appears.

Lizenzschlüssel einlösen ✕

Geben Sie hier den Lizenzschlüssel ein, den Sie mit der Bestellung der App erhalten haben

Bereits registrierten Lizenzschlüssel einlösen?

Registrierte Lizenzschlüssel* XXXX-XXXX-XXXX-XXXX ▼

Lizenzschlüssel* XXXX-XXXX-XXXX-XXXX

ABBRECHEN **LIZENZSCHLÜSSEL EINLÖSEN**

Figure 19. App installation — Variant 2: Step 5

You have two options here.

4.1.1. Redeem already registered license key

If you want to redeem an already registered license key, select it (1). Then click on the button of the same name to redeem the selected license key (2).

Lizenzschlüssel einlösen ✕

Geben Sie hier den Lizenzschlüssel ein, den Sie mit der Bestellung der App erhalten haben

Bereits registrierten Lizenzschlüssel einlösen?

Registrierte Lizenzschlüssel* **1** → XXXX-XXXX-XXXX-XXXX ▼

Lizenzschlüssel* XXXX-XXXX-XXXX-XXXX

ABBRECHEN **LIZENZSCHLÜSSEL EINLÖSEN**

2 ↑

Figure 20. App installation — Variant 2: Step 5a

4.1. Direct Installation

4.1.2. Redeeming a new license key

If you have not yet registered a license key or wish to redeem a new license key, enter the 16-digit key in the corresponding field (1) and then click on "Validate license key" (2). The entered license key is then checked for validity.

Lizenzschlüssel einlösen ✕

Geben Sie hier den Lizenzschlüssel ein, den Sie mit der Bestellung der App erhalten haben

Bereits registrierten Lizenzschlüssel einlösen?

Registrierte Lizenzschlüssel* XXXX-XXXX-XXXX-XXXX ▼

Lizenzschlüssel* XXXX-XXXX-XXXX-XXXX 1 →

2

Figure 21. App installation — Variant 2: Step 5b

If the license key is valid, it can be redeemed by clicking on the button of the same name. If the license key is recognized as invalid, please check your entry and try again.

Lizenzschlüssel einlösen ✕

Geben Sie hier den Lizenzschlüssel ein, den Sie mit der Bestellung der App erhalten haben

Bereits registrierten Lizenzschlüssel einlösen?

Registrierte Lizenzschlüssel* XXXX-XXXX-XXXX-XXXX ▼

Lizenzschlüssel* XXXX-XXXX-XXXX-XXXX




Figure 22. Redeeming a new license key: Step 6

You will then be taken to the installation wizard for Symphon-E App eCharge Hardy Barth cPμ2 Pro Ladestation.

eCharge Hardy Barth Ladestation

Anzahl Ladepunkte	1 ▼
Alias*	eCharge Hardy Barth Ladestation
IP-Adresse*	192.168.25.30
Phasenrolation <small>Verkabelung der einzelnen Phasen der Ladestation zu den Phasen im Netz</small>	L1_L2_L3 ▼

Figure 23. App installation — Variant 2: Step 7

Some of the input fields are pre-filled. Nevertheless, enter your data if it differs from the default values (e. g. IP address). Otherwise, the default values can be retained (e. g. port, Modbus unit ID).



Mandatory fields are marked with *



Check your entries and make sure that they are correct. Otherwise the respective app will not work properly!

For the Hardy Barth eCharger cPμ2 Pro, please select "1" for the number of charging points.

Then click on "Install app".

4.2. Edit EMS app

eCharge Hardy Barth Ladestation	
Anzahl Ladepunkte	1 ▾
Alias*	eCharge Hardy Barth Ladestation
IP-Adresse*	192.168.25.30
Phasenrotation <small>Verkabelung der einzelnen Phasen der Ladestation zu den Phasen im Netz</small>	L1_L2_L3 ▾
APP INSTALLIEREN	

Figure 24. App installation — Variant 2: Step 8

Once the installation process is complete, the new app appears in the overview of the Symphon-E App Center in the "Installed" category.

4.2. Edit EMS app



Apps that have already been installed can be subsequently edited to change configuration settings. To do this, select the respective app in the Symphon-E App Center overview and click on the "Edit app" button. Detailed instructions are found in the user manual [Symphon-E App Center](#).

Die Symphon-E App eCharge Hardy Barth cµ2 Pro Ladestation wurde erfolgreich installiert.

5. Contact

For support, please contact:

Symphon-E Service

Telephone service: +49 (0) 371 45 85 68 - 100

E-mail service: symphon-e@heckert-solar.com

6. Verzeichnisse

6.1. Abbildungsverzeichnis

Figure 1. Network interface (LAN) - Salia board

Figure 2. Connected meter

Figure 3. Meter connection

Figure 4. Establishing the communication connection

Figure 5. Connecting the Salia board to the notebook

Figure 6. Web interface

Figure 7. Network settings

Figure 8. Meter

Figure 9. Hidden menu

Figure 10. Meter activation

Figure 11. Advanced options

Figure 12. Meter installed (here: Eastron)

Figure 13. Save and reboot

Figure 14. Web interface — Charging station

Figure 15. App installation — Variant 2: Step 1

Figure 16. App installation — Variant 2: Step 2

Figure 17. App installation — Variant 2: Step 3

Figure 18. App installation — Variant 2: Step 4

Figure 19. App installation — Variant 2: Step 5

Figure 20. App installation — Variant 2: Step 5a

Figure 21. App installation — Variant 2: Step 5b

Figure 22. Redeeming a new license key: Step 6

Figure 23. App installation — Variant 2: Step 7

Figure 24. App installation — Variant 2: Step 8